

GILYAROV, M. S.

"The Number of the Soil Fauna of Dark Colored and Podzil Soils."

Pedology, Nos. 9-10, 1942.

GHILAROV, M. S.

"On the Causes of Divergent Evolution in Soil Inhabiting Click-Beetle  
(Elateridae Col.) Larvae."

Dokl. AN SSSR 36, No 8, 1942,

BC

814-1

...to control and pests of blattellid sub-order.  
M. A. Chibrikov (Congr. Acad. Sci. U.S.S.R., 1943, 89, 164).  
114. - Control of the forest pests of *Taraxacum officinale*,  
whose introduction into the USSR may take place, gives  
a means of control of the larvae of *Chrysomelidae* and *Curculionidae*,  
which is more efficient than that obtained with  
other means, such as hydrocyanic acid, or dihydrocyanic acid. C. M. does not  
poison the sub-order seeds, and, given suitable dosage and technique  
of application, should provide a means of controlling introduced pests  
without damage to the plants. I. A. P.

S.C.G. GILYAROV, M. S.

1. Planting

Entomological value of the preceding crop for kok-saghis plantings. M. S. GILYAROV (Proc. Lenin Acad. Agric. Sci. U.S.S.R., 1943, No. 3, 257; Hort. Abs., 1944, 10, 110).--Kok-saghis is very sensitive to injury from soil organisms, particularly wireworm. It has been generally recommended that kok-saghis should follow clover in the crop rotation, but it has been pointed out that the clover crop increases the number of wireworms in the soil. Experiments carried out by the author showed that when clover came into the rotation the number of wireworms and the damage to kok-saghis were higher than when clover was omitted. 1224.64

1946

GHILAROV, M. S.

"Parallelisms in the Formation of Entomocoenoses of Grain Fields in Eastern Europe and North America."

Dok. AN SSSR 38, No 1, 1943. Lab. Entomology, All-Union Inst.  
Rubber Plants. -c1943-.

GHILAROV, M. S.

"Correlation between Size and Number of Soil Animals."

Dok. AN SSR 43, No 6, 1944. All-Union Rubber-Plant Inst. -c1944-.

GILAROV, M.S.

"M. S. Gilarov: The Influence of the Nature of Distribution on the Process of Ontogenesis in Animals. " Received on October 23, 1944. (p. 26).

SO: Journal of General Biology, Vol. VI, contents of the issues 1-6, for 1945. No. 1

GILYAROV, M. S.

"Principal Properties of Injurious Insects Surviving to Field Crop-Rotation."

Dok. AN SSSR, 47, No 3, 1945. Inst. of Rubber-Plants and Inst. of Evolutionary Morphology imeni A. N. Severtzov.



GILYAROV, M. S. Dr. Biolog. Sci.

Dissertation: "Adaptation to Life in Soil and its Significance in the Evolution of Insects." Inst of Evolutional Morphology imeni Academician A. N. Severtsov, Acad Sci USSR, 23 Dec 47.

SO: Vechernyaya Moskva, Dec, 1947 (Project #17836)

GILYAROV, M. S.

PA 58T64

USSR/Medicine - Soil  
Medicine - Fungi

Jan 1947

"Distribution of Mold, Root Systems and Soil Invertebrates in the Soil of the Nut Forests of the Fergana Mountain Range," M. S. Gilyarov, Inst Evolutional Morph imeni A. N. Severtsov, 4 pp

"Dok Akad Nauk SSSR, Nova Ser" Vol LV, No 1

Describes research on section of a nut (Juglandetum) forest having dense growth with predominance of nut trees type *Impatiens Parviflora* and *Geranium* and grass type *Brachypodium Silvaticum*. Submitted by Academician V. N. Sukachev, 5 Aug 1946.

58T64

PA 51T38

USSR/Medicine - Insects  
Medicine - Evolution

21 Mar 1948

"Change of Living Conditions in the Evolution of the Main Groups of Chilopoda Polypoda," M. S. Gilyarov, I. Severinov, Acad Sci USSR, 4 pp

"Dok Akad Nauk SSSR, Nova Ser" Vol LII, No 9

Soil can be considered to be the transfer medium from amphibious form of life to terrestrial form of life. Among terrestrial members, closest relation to the soil found in the polypoda. Studies permit discernment of the basic tendencies in the evolution of polypoda, also observed in the process of formation of

USSR/Medicine - Insects (Contd) 21 Mar 1948  
51T38

the complex characteristics of insects. Briefly describes this phenomenon. Submitted by Academician I. I. Shmal'gauzen, 28 Jan 1948.

51T38

GILYAROV, M. S.

PA 62T62

USSR/Medicine - Vertebrates  
Medicine - Soil

Apr 1948

"Significance of Soil as a Habitat in the Phylogenesis of Surface Vertebrates," M. S. Gilyarov, Lab of Invertebrates, Inst Evolutionary Morph imeni A. N. Severtsov, Acad Sci USSR, 3½ pp

"Dok Akad Nauk SSSR, Nova Ser" Vol LX, No 2

Soil can serve as living media for both air breathers and vertebrates requiring a water habitat. Author shows how this is possible. Submitted by Academician I. I. Shmal'gauzen, 13 Feb 1948.

62T62

PA 77T74

USSR/Medicine - Secretions  
Medicine - Insects

Apr 1948

"The Ecological and Physiological Origins of the Secretions of Honey Dew by Aphididae and Other Homoptera," M. S. Gilyarov, Inst of Evolutionary Morphimeni A. N. Severtsov, Acad Sci USSR, 4 pp

"Dok Ak Nauk SSSR" Vol LX; No 3

Results of ecological experiments and studies permit explanation of physiological significance of secretion of sugar by aphididae and clarify cases when such secretion does not take place in Homoptera. Submitted by Acad I. I. Shaml'gauzen 27 Feb 1948.

77T74

GILYAROV, M. S.

24995. GILYAROV, M. S. Pochvennaya Fauna Orekhovaplodovykh Lesov I Ee Rol' v Pochvoobrazovatel'nykh Protsessakh. Trudy Yubileynoy Sessi, Posuyashch. Stoletiyu So Dnya Rozhdeniya Dokuchayeva. M.-L., 1949 S. 257-62.

SO: Letopis', No. 33, 1949

GHILAROV, M. S.

"Heredity Variations of Instincts in Insects."

Agrobiol. 5, 1949. Inst. of Animal Morphology, Moscow. -c1949-.

GILYAROV, M. S.

"Outline of the Soil Fauna of the Basic Soil Regions of the Crimea."

Pochvovdeniye, No 10, 1949. Inst. of Morphology of Animals imeni A. N. Severtsev, -c1949-.



57/49T6

GILYAROV, M. S.

USSR/Biology - Invertebrate  
Phylogenesis

May/Jun 49

"Role of the Soil in the Phylogenesis of  
Terrestrial Invertebrates," M. S. Gilyarov,  
22 pp

"Uspekhi Sovrem Biol" Vol XXVII, No 3

Surveys work, emphasizing that of the last few  
years, on cancerogenic substances: (1) activity  
of these substances according to site of  
introduction into the body, (2) their circulation  
and elimination, (3) their metabolism, (4) some  
considerations of their functional mechanisms,

57/49T6

USSR/Biology - Invertebrate  
Phylogenesis (Contd) May/Jun 49

(5) their distribution and existence in the  
living organism, and (6) their distribution among  
cells of the living organism.

57/49T6

GILYAROV, M.S.

"The Diagnostics And Geography Of Soils In The Light Of Research On Soil And Zoology."  
(p.339) by M.S. Gilyarov (Moscow)

30: Progress of Contemporary Biology (Usp. Sovrem. Biol.) VOL. XXVIII, 1949, No. 3  
(6) (Nov.-Dec.)

GILYAROV, M. S.

"Classification and Geography of Soils in the Light of Soil-Zoological Studies."

Uspekhi Sovrem. Biol., 28, No 6, 1949. Moscow, -c1949-.

GILYAROV, M. S.

"The Properties of Soil as a Habitat, and Its Importance in the Evolution of Insects "  
(Osobennosti pochvy kak sredy obitaniya i ee znachenie v evolyutsii nasekomykh) by  
Gilyarov, M. S. and Zaleskii, Yu. M. (p. 316)

SO: Progress of Contemporary Biology, Vol. XXX, No. 2 (5), Sept-Oct, 1950.

GILYAROV, M. S., ARNOL'D, K.V., and OSRATSOV, B. V.

"Animal World in Steppe Forestry," Nauch. vop. polezashch. les., No.1, 1951

CA

15

Influence of soil fauna in humifying layers of soil - M. S.  
Gilyarov - *Voprosy Sovetskoy Biol.* 31: 161-164, 1964. 1A  
review with 27 references. Editor: L. Smith

GILYAROB, M. S.

"The Utilization by Insects of Soil Formations in the Dry Sections of Their Areas of Movement." (p. 346) by Gilyarob, M. S. (Moscow)

SO: Progress of Contemporary Biology Vol. 32, No.3(6), 1951.

CHRSPL No. 45

Gulyarov, . M.S. (A.N. Severtsov Institute of Animal Morphology, U.S.S.R. Academy of Sciences), The Role of the steppe rodent in the origin of field soil entomofauna and field weed growth, 669-71

Akademiya Nauk S.S.S.R. , Doklady Vol. 79 No.2, 1951



GILYAROV, M. S.

"Larvae of the Stag Beetle (Lucanidae) of European USSR," Zool. Zhur., 31,  
No.2, pp. 253-56, 1952

GILYAROV, M.S.

"The Sexual Process and Viability in Infusoria in the Light of the Biology of Michurin."  
(p. 47) by Gilyarov, M. S. (Moscow).

SO: Progress of Contemporary Biology (Uspekhi Sovremennoi Biologii) Vol. XXXIV,  
No. 1 (4), July-August, 1952.

1. GILYAROV, M. S.
2. USSR (600)
4. Rice - Volga-Don Canal Region
7. Rice culture as a measure in combating pests in soils in the Volga-Don region.  
Dokl. AN SSSR 87 no 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

GHILJAROV, M.

"The sexual process and the vitality of Infusoria in the light of Michurinist biology.  
Tr. from the Russian", p. 83 (Analele Romane-Sovietice. Seria Biologie, Series a II-a,  
v. 8, No. 1, Jan./Mar. 1953, Bucuresti)

SO: Monthly List of ~~Russian~~ <sup>East European</sup> Accessions, Vol. 2, No 9, Library of Congress, September 1953, Uncl.

GILYAROV, M.S.

Soil fauna of gully thickets and its importance for diagnosing soils.  
Zool.shur. 32 no.3:328-347 My-Je '53. (MLRA 6:6)

1. Institut morfologii zhivotnykh Akademii nauk SSSR. (Soil fauna)

GILYAROV, M.S.

Incorrect descriptive classification of the larva of *Melanotus brunnipes*  
Germ. in foreign entomological literature. Zool.zhur. 32 no.3:552-553  
My-Je '53. (MLRA 6:6)

1. Institut morfologii zhivotnykh Akademii nauk SSSR. (Beetles)

GILYAROV, M.S.; KURCHEVA, G.F.

Larvae of the click beetle *Synaptus filiformis* F. and its place in the tribe of the Agriotini. Zool.zhur. 32 no.6:1156-1161 N-D '53.

(MLHA 6:12)

1. Laboratoriya morfologii bespozvonochnykh Instituta morfologii zhivotnykh Akademii nauk SSSR.

(Wireworm)

EGLITIS, V.K.; GILYAROV, M.S., prof., doktor biol. nauk, red.; BAGRAMYAN, S.,  
red.; SHMIT, I., tekhn. red.

[Soil fauna of the Latvian S.S.R.] Fauna pochv Latviiskoi SSR. Pod  
red. M.S. Giliarova. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1954.  
261 p. (MIRA 14:10)

(Latvia--Soil fauna)



GILYAROV, M.S.; SHAROVA, I.Kh.

Larvae of tiger beetles (Cicindelidae). Zool.zhur. 33 no.3:598-  
615 My-Je '54. (MLRA 7:7)

1. Kafedra zoologii Moskovskogo gosudarstvennogo pedagogicheskogo  
instituta im. V.I.Lenina i Institut morfologii zhivotnykh im.  
A.N.Severtsova.

(Tiger beetles) (Larvae)

GILYAROV, M.S.

Species, population, and biocoenosis. Zool.zhur. 33 no.4:769-778  
Jl-Ag '54. (MLRA 7:8)

1. Institut morfologii zhivotnykh Akademii nauk SSSR.  
(Zoology--Variation) (Origin of species) (Zoology--Ecology)

GILYAROV, M.S.

Czechoslovakian conference on soil biology and the work of  
Czechoslovakian zoological institutions. Zool.shur.33 no.  
6:1430-1435 N-D '54. (MIRA 8:2)  
(Czechoslovakia---Biology)

GILYAROV, M.S.

GILYAROV, M.S.

Origin of seeds of weeds in virgin steppes. Bot.zhur. 39 no.2:236-237  
May '54. (MLRA 7:6)

1. Institut morfologii zhivotnykh Akademii nauk SSSR, Moscow.  
(Steppe flora) (Weeds)

GILYAROV, M. S.

USSR/Biology - Bacteriology

Card 1/1 : Pub. 86 - 7/46

Authors : Mishustin, E. N., Mem. Corres. Ac. Sci.; and Gilyarov, M. S.

Title : Microbiology of the soil in Czechoslovakia

Periodical : Priroda, 43/9, 52-55, Sep 1954

Abstract : The article deals with a convention that was held in Czechoslovakia in February of 1954, which was attended by 120 delegates and at which 50 papers were read pertaining to microorganisms that are in some way connected with agriculture, either as plant parasites or in the form of edaphon. No definite scientific information is revealed.

Institution : .....

Submitted : .....

NAUMOV, S.P., prof.; GILYAROV, M.S., prof.; BANNIKOV, A.G., prof.; BOGORAD, V.B., red.; MIROMANTSEVA, M.I., tekhn. red.

[Programs of pedagogical institutes; zoology for natural science faculties] Programmy pedagogicheskikh institutov; zoologiya dlia fakul'tetov estestvoznaniia. [Moskva] Uchpedgiz, 1955. 32 p.

(MIRA 11:9)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye vysskhikh i srednikh pedagogicheskikh uchebnykh zavedeniy.  
(Zoology—Study and teaching)

GILYAROV, M.S.

Zoological institutes of Italy. Zool.shur. no.6:1429-1436 M-D '55.

(MLBA 9:1)

(Italy--Zoology)

GILYAROV, M.S.

Features of the formation of complexes of injurious insects in regions where virgin lands are reclaimed. Zhur.ob.biol. 16 no.6: 144-1457 N-D '55. (MLRA 9:3)

1. Institut morfologii zhivotnykh imeni A.N. Severtsova AN SSSR, Moskva.

(AGRICULTURAL PESTS) (INSECTS, INJURIOUS AND BENEFICIAL)



Gilyarov, M.S.

USSR/Scientific Organization

Card 1/1 Pub. 124 - 21/30

Authors : Dadykin, V. P.; Gilyarov, M. S.; Demchin, N. N.; and Solodovnikov, V. G.

Title : At the institutions of the Acad. of Sc., USSR

Periodical : Vest. AN SSSR 25/7, 105-114, Jul 1955

Abstract : General reports are presented by various institutions of the Acad. of Sc., USSR describing their activities for a certain period of time. The report by the A. A. Baykov Institute of Metallurgy explained the technical and economical advantages of adopting the vacuum casting method in metallurgy especially in ferrous metallurgy. It is pointed out that the adoption of the vacuum casting method for the manufacture of transformer and Bessemer steel will increase the quality of the products.

Institution : .....

Submitted : .....

GILYAROV, M.S.

Entomological problems related to the new tillage system. Zool.  
zhur. 34 no.2:241-247 Mr-Apr '55. (MIRA 8:6)

1. Institut morfologii zhivotnykh im. A.N.Sevortsova Akademii  
nauk SSSR.

(Tillage) (Insects, Injurious and beneficial)

GILYAROV, M.S.

"Entomology" Vol.1[in Czechoslovakian]. Zool.zhur. 34 no.2:475-477  
Mr-Apr '55. (MLRA 8:6)

(Obenberger, J.) (Insects)

GILYAROV, M. S.

"Investigations on the Zoology of Soils in the USSR," a paper presented at the 6th International Soil Science Congress, Paris, <sup>27</sup>87Aug to 8 Sep 56.

In Library Branch #5

"Soil as Medium of Transition from Aquatic to Terrestrial Life of Invertebrates," same as above.

"The Importance of Soil Zoological Studies for the Determination of Soil Types,"  
ibid.

GILYAROV, M.S.

Soil fauna of forest plantations and open steppe areas of the  
Derkul River basin. Trudy Inst. lesa 30:235-278 '56. (MLBA 10:4)  
(Derkul Valley--Soil fauna)

GILYAROV, M.S.; KURCHENVA, G.F.

Peculiarities of structure of the *Chloropterus versicolor* F. Mer.  
larvae due to soil-dwelling [with English summary in insert].  
Zool.zhur.35 no.3:395-399 Mr '56. (MIRA 9:7)

1.Laboratoriya morfolologii bespozvenochnykh Instituta morfolologii  
zhivotnykh AN SSSR.  
(Leaf beetles)

GILYAROV, M.S.

Congress on plant protection in Berlin, July, 1955. Zoel.zhur.35  
no.3:477-478 Mr '56. (MIRA 9:7)  
(Plants, Protection of)

GILYAROV, M.S.

Study of soil insects as a method for classifying soils [with summary  
in English]. Ent.obozr. 35 no.3:495-502 '56. (SIRA 9:10)

1. Institut Morfologii zhivotnykh Akademii nauk SSSR, Moskva.  
(Soils--Classification) (Insects)



GILYAROV, M.S.

Scientific conference and zoological activity of the Kazan branch of  
the Academy of Sciences of the U.S.S.R. Zool.zhur.35 no.7:1112 J1 '56.  
(Zoology) (MLRA 9:9)

USSR / General and Special Zoology. Insects. System- P  
atics and Faunistics.

Abs Jour: Ref Zhur-Biol., No 14, 1958, 63922.

Author : Byzova, Yu. B.; Gilyarov, N. S.  
Inst : Not given.

Title : Soil-inhabiting Larvae of Darkling Beetles of the  
Helopini Tribe (Coleoptera, Tenebrionidae).

Orig Pub: Zool. zh., 1956, 35, No 10, 1493-1508.

Abstract: General characteristics of the tribe Helopini  
larvae, ecology and detailed morphological des-  
cription of the larvae of seven species of dark-  
ling beetles. An identifying table of larvae  
of these species.

Card 1/1

GILYAROV, M. S. (Moscow)

"Die Gesetzmässigkeiten der zonalen Verteilung der bodenbewohnenden  
Schadinsekten,"

paper submitted to the Intl. Commission on Phytopharmacy, 4th Intl.  
Congress of Crop Protection, Hamburg, GFR, 8-15 Sept 1957.

GILYAROV, M.; FOLKMANOVA, B.

Centipedes (Chilopoda) of the steppe-zone of southeastern European part part of the USSR as an indicator of soil conditions in the forest stands. Izv. AN SSSR. Ser. biol. no. 2:211-219 Mr-Apr '57.  
(MLBA 10:4)

1. Institut morfologii zhivotnykh imeni A.N. Severtsova, Laboratoriya pochvennoy zoologii.  
(VOROSHILOVGRAD PROVINCE--CENTIPEDES) (FOREST SOILS)

GILYAROV, M.S.

Tenth Congress of Entomology and the work of canadian institutes of  
entomology. Izv.AN SSSR. Ser.biol. no.3:377-381 My-Je '57. (MLRA 10:6)  
(MONTREAL--ENTOMOLOGY--CONGRESSES)  
(CANADA--ENTOMOLOGICAL RESEARCH)

GILYAROV, M.S.  
GILYAROV, M.S.

Millepedes Julioidea and their role in soil formation [with summary  
in English]. Pochvovedenie no.6:74-80 Je '57. (MLBA 10:9)

1. Institut morfologii zhivotnykh imeni A.N. Severtsova, laboratoriya  
pochvennoy zoologii.

(Millepedes) (Soil formation)

GILYAROV, M.S.

GILYAROV, M.S.

Forty years of studies on soil fauna in the U.S.S.R. Pochvovedenie  
no.10:51-62 O '57. (MIRA 10:12)

1. Laboratoriya pochvennoy zoologii Instituta morfologii zhivotnykh  
im. A.N.Severtsova AN SSSR.

(Soil fauna)

RUMANIA/General Biology - General Ecology.

B

Abs Jour : Ref Zhur Biol., No 6, 1959. 23697

Author : Arnoldi, K.V., Ghilarov, M.S.

Inst : -

Title : The Soil Fauna of Mediterranean Biotope of the North-Western Caucasus and Its Significance for Their Characteristics.

Orig Pub : An. Rom.-Sov. Ser. biol., 1957, 11, No 2, 57-80

Abstract : The study of soil fauna of the Novorossiysk-Dzhankhota region (North-Western Caucasus) at the elevation of 100-200 m above sea level shows that the soil fauna consists basically of species which have Mediterranean origin. The majority of the representatives of soil fauna possess an insignificant ability to resettlement (Haploembia, Myriapoda, Isopoda, Lumbricidae etc). The soil fauna of biotopes, less changed by the activity of man, is closest to the Mediterranean. Therefore it is possible that

Card 1/2

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RUMANIA/General Biology - General Ecology.

B

APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R0005

Abs Jour : Ref Zhur Biol., No 6, 1959, 23697

some of the forms of this fauna are tertiary relicts, pointing to the existence of biogeographical connections of North-Western Caucasus with other areas of Eastern Mediterranean, especially with Southern Crimea and, possibly, with Asia Minor and the Balkan peninsula. -- Yu.P. Zaytsev

Card 2/2



GILYAROV, M.S.

Tenth International Congress of Entomology. Zool.zhur. 36 no.3:474-480  
Mr '57. (MLRA 10:5)

1. Institut morfologii zhivotnykh im. A.N. Severtsova AN SSSR.  
(Montreal--Entomology--Congresses)

USSR/General Biology. General Ecology.

D

Abs Jour: Ref Zhur-Biol., No 17, 1958, 76362.

Author : Gilyarov, M.S.; Arnol'di, K.V.

Inst :

Title : Soil Fauna of Treeless Mountain Peaks of the  
Northwest Caucasus as an Indicator of Their Soil Type.

Orig Pub: Zool. zh., 1957, 36, No 5, 670-690.

Abstract: The soil fauna were studied of the settled and meadow peaks of the Northern Caucasus, located in the forest belt. The nature and history of the settled treeless peaks were explained, their soils analysed and the direction of the soil formation process determined. A great quantity of steppe species were found which in their extent fit the chernozems (oribatids, myriapods, coleoptera, and their larvae,

Card : 1/2

*Lab. Soil Zoology*

19

*Gilliarov, M.S.*

USSR/General Division. Congresses. Conventions. Conferences.

A-4

Abs Jour: Ref. Zhur. Biologia, No 4, 1958, 14212

Author : Gilliarov M.S.

Inst :

Title : Towards the Impending XVth International Zoological Congress

Orig Pub: Zool. zh., 1957, 36, No 8, 1280.

Abstract: On July 16-23, 1958 in London, there will take place a congress timed to the 100th anniversary of the publishing of the first outline of the theory of natural selection by Ch. Darwin and A. Wallace and the 200th anniversary of the 10th edition of "The Systems of Nature of C. Linnaeus."

Card : 1/1

-8-

*Gilyarov M.S.*  
GILYAROV, M.S.

Evolution of the postembryonal development and types of insect larvae  
[with summary in English]. Zool. zhur. 36 no.11:1683-1697 N '57.

(MIRA 10:11)

1. Institut morfologii zhivotnykh AN SSSR (Moskva).  
(Larvae--Insects) (Insects--Development)

GILYAROV, M.S.

National Committee of Soviet Biologists. Izv. AN SSSR. Ser.  
biol. no.5:637-638 S-O '58. (MIRA 11:10)  
(BIOLOGICAL RESEARCH)

GILYAROV, Merkurii S.

"Methods of Dry Fixation of Soil-inhabiting Insect Larvae."

paper submitted at Colloquium on Research Methods in Soil Zoology, Intl. Assn.,  
Soil Science, Rothamsted Experimental Sta., Harpenden, England, 10-14 Jul 58.

Hd. Lab. Soil Biology, Inst Animal Morphology im. A. N. SEVERTSOV, Acad. Sci.  
USSR, Moscow.

C - 37800/93

26-58-7-34/48

AUTHOR: ~~Gilyarov, M.S.~~ Professor, Scientific Secretary of the National Committee of Soviet Biologists (Moscow)

TITLE: The National Committee of Soviet Biologists (Natsional'nyy komitet sovetskikh biologov)

PERIODICAL: Priroda, 1958, Nr 7, p 114 (USSR)

ABSTRACT: The Presidium of the AS USSR has decided that the AS USSR will join the International Union of Biological Sciences after 1958. In order to develop and strengthen the links between Soviet scientists of all biological fields and their foreign colleagues, the National Committee of Soviet Biologists was established. The sections of the Committee correspond to those of the International Union. Academician V.N. Sukachev became president of the Committee. L.A. Zenkevich was elected vice-president, Ye.N. Pavlovskiy, P.A. Baranov, N.S. Gayevskaya, M.S. Dunin and Ye.P. Korovin were elected members of the presidium.

1. Biology

Uchenyy sekretar' Natsional'nogo komiteta sovetskikh biologov,

Card 1/1

Moskva.

17(4)

AUTHOR:

Gilyarov, M. S., Professor

SOV/30-58-11- 12/48

TITLE:

Plenary Assembly of the International Union of Biological Sciences (General'naya assambleya Mezhdunarodnogo **soyuz**a biologicheskikh nauk )

PERIODICAL:

Vestnik Akademii nauk SSSR, 1958, Nr 11, pp 67 - 68 (USSR)

ABSTRACT:

The plenary assembly was held in London from July 12 to 14, 1958. There were more than 100 participants from 22 countries as well as representatives of a number of international organizations such as UNESCO. The USSR, which in 1958 became a member of the association, participated in the plenary session for the first time. The USSR was represented by L.A.Zenkevich, Vice-President of the National Committee of Soviet Biologists, Corresponding Member, Academy of Sciences; USSR, as well as the Scientific Secretary of the Committee, Professor M.S.Gilyarov. The plenary assembly received and adopted the action report of

Card 1/3



Plenary Assembly of the International Union of  
Biological Sciences

SOV/36-00-11-12/48

the association for the past three years. Furthermore a working plan for the next three years was adopted, a number of current questions were discussed and new elections for the executive board of the association held. It was moreover decided to hold a botanical conference in Montreal in 1959, and an entomological conference in Vienna in 1960. Questions relating to the publication of papers, financing the activities of the association from UNESCO funds, etc., were discussed. The power of attorney of the Member of the Standing Committee on Zoological Conferences, Ye.N.Pavlovskiy, Academician, was renewed. L.A.Zenkevich, Corresponding Member, Academy of Sciences, USSR, was asked to represent the Association at the deliberations on the International Geophysical Year. Professor M.S.Gilyarov was confirmed Member of the Standing Committee on Entomological Conferences. He was furthermore appointed member of the newly established committee charged with elaborating the abbreviations for the titles of periodical

Card 2/3

Plenary Assembly of the International Union of  
Biological Sciences

SOV/30-58-11-12/48

publications. The 14th plenary assembly of the  
International Union of Biological Sciences is to  
be held in Amsterdam in 1961.

Card 3/3

17(4)  
AUTHOR:

Gilyarov, M. S., Professor

SOV/30-58-11-22/48

TITLE:

News in Brief (Kratkiye soobshcheniya) International  
Colloquy on Problems of Research Methods in the Field  
of Soil Zoology (Mezhdunarodnyy kollokvium po voprosam  
metodiki izucheniya pochvennoy fauny)

PERIODICAL:

Vestnik Akademii nauk SSSR, 1958, Nr 11,  
pp 88 - 88 (USSR)

ABSTRACT:

The colloquy was held on the decision of the Committee  
of Soil Zoology of the International Society of Soil  
Science. More than 120 experts from 24 countries  
met from July 9 to 14 at the oldest British experi-  
mental farm "Rotamsted". 85 reports were read and the  
following questions were discussed: regularities  
in the distribution of soil organisms in the sections  
examined; methodology of sampling and statistical methods  
for the evaluation of figures obtained; methods for  
eliminating invertebrates from soil samples, etc.  
Equipment for the examination of the fauna of the soil  
were exhibited, and films shown. Moreover, the bureau

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News in Brief. International Colloquy on Problems  
of Research Methods in the Field of Soil Zoology

SOV/30-56-1122/48

of the Committee of Soil Zoology met in order  
to discuss organizational questions. It was agreed  
to create a Section of Soil Zoology at the Seventh  
International Congress on Soil Science to be held  
in 1960. Furthermore it was decided that the Society  
should participate in the Eleventh International  
Congress on Entomology held in the same year.

Card 2/2

GILYAROV, M.S., prof.

Organizing the National Committee of Soviet Biologists. Zhur.ob.  
biol. 19 no.3:246-247 My-Je '58. (MIRA 11:6)

1. Uchenyy sekretar' Natsional'nogo komiteta sovetskikh biologov.  
(BIOLOGICAL RESEARCH)

Gilyarov, M. S.

AUTHOR: Gilyarov, M. S., Doctor of Biological Sciences. 30-1-35/39

TITLE: Theoretical and Practical Work Carried Out by Entomologists (Teoreticheskiye i prakticheskiye raboty entomologov).  
All-Union Entomological Conference (sesoyuznoye entomologicheskoye soveshchaniye).

PERIODICAL: Vestnik AN SSSR, 1958, Vol. 28, Nr 1, pp. 129-130 (USSR).

ABSTRACT: By invitation of the Georgia Department of the All-Union Entomological Society a conference took place at Tbilissi from October 4, to October 9, 1957, which was attended by more than 500 delegates of the entire country. The program contained reports on general questions of entomology as well as such dealing with entomological problems of the Transcaucasus district. The following reports were heard:

- 1) A. A. Shtakel'berg: On the achievements of general entomology as D. M. Shteynberg: well as on the results of morphological insect research in the USSR.
- 2) L. P. Kalandadze: On the results obtained by Georgia entomologists.
- 3) G. I. Kancheveli: On the results obtained by the investigation of blood-sucking midges.

Card 1/4

- 4) G. Ya. Bey-Biyenko, (Leningrad): On various aspects of the for-

Theoretical and Practical Work Carried out by Entomologists. 30-1-35/39  
All-Union Entomological Conference

- mation of insect complexes, especially of vermin found in seed-  
and culture plants.
- 5) M. S. Gilyarov, (Moscow): Problems of evolution and phylogenesis  
of various groups of insects in general
  - 6) B. B. Rodendorf, (Moscow): Dto. for dipterous insects.
  - 7) O. A. Chernova, (Moscow): Dto. for one-day flies.
  - 8) G. A. Viktorov, (Moscow): Dto. for parasitic hymenoptera.
  - 9) V. K. Eglitis, (Riga): On the place of insects in the biocoeno-  
sis of the soil.
  - 10) A. S. Danilevskiy, (Leningrad): Investigations concerning photo-  
periodic reactions in insects.
  - 11) P. S. Ushatinskaya, (Moscow): Research work concerning the pe-  
riodic changes in metabolism during  
the development of insects.
  - 12) G. A. Mazokhin-Porshnyakov, (Moscow): Numerous data concerning  
the present conception of  
the perception of the ul-  
traviolet spectrum part by  
insects.
  - 13) K. V. Arnol'di (Moscow): Criticism of the present conceptions of  
the structure of areas of species.

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Theoretical and Practical Work Carried out by Entomologists. 30-1-35/39  
All-Union Entomological Conference

- 14) V. F. Paliy , (Lvov): On the causes and the treat-  
A. I. Vorontsov, (Moscow district): ment of the prognoses of the  
mass multiplication of insects.
- 15) V. A. Shchepetil'nikova, (Leningrad): The results of many years  
of work in the field of bio-  
logical methods of vermin-  
insects.
- 16) Ya. I. Prints, (Kischinjow): On the pylloxera problem.
- 17) A. V. Gutsevich, (Leningrad): On blood-sucking midges.
- 18) G. V. Rekk, (Tbilissi): Results obtained from examining the spider  
tick.
- 19) I. A. Batiashvili, (Tbilissi). On the ticks in fruit trees and  
berry-bearing bushes.
- 20) P. I. Marikovskiy, (Tomsk). On general entomology.
- 21) I. V. Stebayev, (Moscow). On the investigation of the fauna of  
the soil.
- 22) N. I. Goryshin, (Leningrad). On the correlation of the light- and  
temperature factor in the develop-  
ment of insect types.
- Card 3/4 23) Yu. B. Byzova, (Moscow). On the compensation development and the



Theoretical and Practical Work Carried out by Entomologists.  
All-Union Entomological Conference

30-1-35/39

secondary differentiation of insect cuticles.

24) A. G. Sharov, (Moscow). On the peculiar features of fossilized  
insects of the lowest kind.

It was decided to convene an Allunion Congress of Entomologists in 1960  
and to combine it with the hundred years' jubilee of the Society.

AVAILABLE: Library of Congress.

1. Biology
2. Scientific reports-USSR

Card 4/4

GILYAROV, H.S.

Joint scientific session in Moldavia. Zool. zhur. 37 no.2:319-320  
F '58. (MIRA 11:3)  
(Moldavia--Zoological research)

GILYAROV, M.S.

Evolution of the nature of fertilization in terrestrial arthropods  
[with summary in English]. Zool. zhur. 37 no.5:707-735 My '58.  
(MIRA 11:6)

1. Institut morfologii zhivotnykh Akademii nauk SSSR, Moskva.  
(Fertilization (Biology)) (Arthropoda)

ARNOL'DI, K.V.; GILYAROV, M.Z.

Soil fauna of Mediterranean habitats of the northwestern Caucasus and its significance for their characteristics [with summary in English]. Zool. zhur. 37 no. 6:801-819 Je '58. (MIRA 11:7)

1. Laboratoriya pochvennoy zoologii Instituta morfologii zhivotnykh AN SSSR, Moskva.

(Caucasus--Soil fauna)

GILYAROV, M.S.

Organization of the National Committee of Soviet Biologists. Zool.  
zhur. 37 no.8:1279-1280 Ag '58. (MIRA 11:9)  
(Biology)

GILYAROV, M.S.

Information on the organization of the National Committee of Soviet  
Biologists. Bot. zhur. 43 no.6:914-916 Je '58. (MIRA 11:7)  
(Biological research)

GILYAROV, M.S. (Moskva)

Biologically active substances secreted by insects. *Usp. sov. biol.*  
46 no.2:208-216 S-O '58 (MIRA 11:11)

(INSECTS)

(BIOLOGICAL PRODUCTS)

GILYAROV, M.S.

Embrioptera of the European part of the U.S.S.R., their systematic position and significance for soil diagnosis in the Black Sea region. [with summary in English]. Biul.MOIP. Otd.biol. 63 no.2:93-97 Mr-Apr '58 (MIRA 11:7)  
(BLACK SEA REGION--WEB SPINNERS)  
(SOIL FAUNA)



Gilyarov, M.S.

30(1)

AUTHOR:

Arnol'di, K. V., Doctor of  
Biological Sciences

SOV/30-59-2-46/60

TITLE:

Problems of Soil Zoology (Problemy pochvennoy zoologii)

PERIODICAL:

Vestnik Akademii nauk SSSR, 1959, Nr 2, pp 104-105 (USSR)

ABSTRACT:

The 1st All-Union Conference on these problems took place in Moscow from November 25 to 29, 1958. It was attended by representatives of the Ukrainskaya SSR, the Baltic and Central Asiatic Republics, especially from Uzbekistan, altogether 115 persons. From the many lectures which were heard the author briefly mentions the following:

M. S. Gilyarov spoke of basic research problems of the zoology of invertebrates and the tasks of soil zoology.  
A. I. Zrazhevskiy, V. K. Eglitis, S. I. Ponomareva and V. F. Nikol'yuk reported on problems of soil productivity in connection with the activity of invertebrates and their soil-forming rôle.

I. I. Malevich reported on the investigation of earth worms.  
M. M. Aleynikov, Kazanskiy filial Akademii nauk SSSR (Kazan' Branch of the Academy of Sciences, USSR) reported on the

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Problems of Soil Zoology

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soil fauna of the Tatarskaya ASSR.

V. K. Baluyev (Ivanovo) characterized the soil fauna of arable soils.

V. I. Grimal'skiy (Kiyev) reported on the soil-forming rôle played by ants in forests.

P. V. Matekin (Moscow) reported on the variability of the molluscs inhabiting the soil in connection with different conditions of life.

Yu. B. Byzova, N. P. Krivosheina, G. F. Kurcheva, B. M. Mamayev, L. M. Semenova, I. V. Stebayev, Laboratoriya pochvennoy zoologii Instituta morfologii zhivotnykh im. A. N. Severtsova Akademii nauk SSSR (Laboratory of Soil Zoology of the Institute of Animal Morphology imeni A. N. Severtsov of the AS USSR) delivered 8 reports, which were followed by reports of young zoologists from Moscow under the scientific supervision of M. S. Gilyarov. On this conference the existence of soil zoology as an independent and important subject was demonstrated and the necessity of its integration into the number of problems coordinated by the AS USSR was emphasized. The next conference on soil zoology will probably be held in Kiyev in 1961.

Card 2/2

GILYAROV, M.S.

International Conference on soil zoology in Rothamsted and  
problems of soil fauna at the 15th International Zoological  
Congress. Pechvedenie no.2:116-118 P '59. (MIRA 12:3)  
(Soil fauna)

GILYAROV, M.S.

General Assembly of the International Union of Biological  
Sciences. Izv. AN SSSR. Ser. biol. no. 2: 314-315 Mr-Apr '59.  
(MIRA 12:5)  
(LONDON--BIOLOGY--CONGRESSES)

GILYAROV, M.S.

First All-Union Conference on Soil Zoology. Pochvovedenie no.6:  
106-107 Je '59. (MIRA 12:9)  
(Soil fauna--Congresses)

GILIAROV, M.

Active biological substances secreted by certain insects. p. 141

ANALELE ROMINO-SOVIETICE. S PIA BIOLOGIE (Academia Republicii Populare  
Romino. Institutul de Studii Romino-Sovietic  
Bucuresti, Rumania  
Vol. 13, no. 2, April/June 1959

Monthly list of Ease European Accession Index (EEA<sup>1</sup>), LC Vol. 8, No. 11  
November 1959  
Uncl.

GILYAROV, M.S., doktor biol. nauk.

Studies on soil zoology and their objectives. Vest. AN SSSR  
29 no.6:35-39 Ja '59. (MIRA 12:5)  
(Soil fauna)

GILYAROV, M.S.

"Click beetles of Western Siberia" by A.I. Cherepanov. Reviewed  
by M.S. Giliarov. Zool. zhur. 38 no.2:294-296 F '59.

(MIRA 12:3)

(Siberia, Western--Wireworms)

(Cherepanov, A.I.)



GILYAROV, M.S.

\*Larval systematics of sawflies [in German] by H. Lorenz, M. Kraus.  
Reviewed by M.S. Giliarov. Zool. zhur. 38 no.4:639-640 Ap '59.  
(MIRA 12:5)

(Sawflies) (larvae--Insects)

GILYAROV, M.S.

International colloquium on soil zoology in Rothamsted and problems  
of soil fauna at the 15th International Zoological Congress. Zool.  
zhur. 38 no.5:795-796 My '59. (MIRA 12:7)

1. Natsional'nyy komitet sovetskikh biologov, Moskva.  
(Great Britain--Soil fauna--Congresses)

GILYAROV, M.S. (Moskva)

Problems of modern ecology and the theory of natural selection.

Usp.sovr.biol. 48 no.3:267-278 M-D '59.

(MIRA 13:5)

(EVOLUTION)

(ECOLOGY)

BATIASHVILI, I.D.; BEY-BIYENKO, G.Ya.; BOGDANOV-KAT'KOV, N.N.; GERASIMOV,  
B.A.; GILYAROV, M.S.; DMITRIYEV, G.V.; ZVEREZOMB-ZUBOVSKIY, Ye.V.;  
ZIMIN, L.S.; KOLOBOVA, A.N.; MEDVEDEV, S.I.; MISHCHENKO, A.I.;  
PETROV, A.I.; RYABOV, M.A.; SAVZDARG, E.E.; SELIVANOVA, S.N.;  
SKORIKOVA, O.A.; TROPKINA, M.F.; SHAPOSHNIKOV, G.Kh.; SHCHEGOLEV,  
V.N., prof., doktor sel'skokhoz.nauk; ESTERBERG, L.K.; YAKHONTOV,  
V.V.; REUTSKAYA, O.Ye., red.; CHUNAYEVA, Z.V., tekhn.red.

[Classification of insects on the basis of damage to crops] Opre-  
delitel' nasekomykh po povrezhdeniyam kul'turnykh rastenii. Izd.4.  
perer. i dop. Leningrad, Gos.izd-vo sel'khoz.lit-ry, 1960. 607 p.  
(MIRA 14:1)

(Insects, Injurious and beneficial)

GILYAROV, Merkurii S. (Dr. Prof.)

Moscow

"Die Gesetzmässigkeit der Verbreitung von Bodeninsekten und  
anderen Wirbellosen in Gehölzen der Steppenzone Osteuropas."

report presented at the Intl. Congress of Entomology, Vienna, Austria,  
17-25 Aug 1960

Standing Committee of the Intl. Congress of Entomology

GILYAROV, M. S.

"The Termite Fauna of the USSR."

report presented at the Symposium on Termites in the Humid Tropics, UNESCO and the Zoological Survey of India, New Delhi, 4-12 October 1960.

Academy of Sciences, Moscow,

GILYAROV, M.S.

Soil invertebrates as indicators of the characteristics of soil  
and vegetation in the forest-steppe. Trudy TSentr.-Chern. gos.  
zap. no.6:28)-120 '60. (MIRA 16:8)  
(Streletskoe Steppe Preserve—Soil fauna)

GILYAROV, M.S.

International journal on soil biology. Pochvovedenie no.11:115 N  
'60. (MIRA 13:11)  
(Soil biology)



GILYAROV, M. S., doktor biolog. nauk, prof.

Work of the Section of General Entomology. Zashch. rast. ot  
vred. i bol 5 no.6:54-55 'Je '60. (MIRA 16:1)

(Entomology—Congresses)

GILYAROV, M.S., doktor biolog.nauk, prof.

Possible chemical and biological measures for controlling the  
spider mite. Zashch.rast.ot vred.i bol. 5 no.7:52-53 J1 '60.  
(MIRA 16:1)

1. Predsedatel' Natsional'nogo komiteta sovetskikh biologov.  
(Red spider—Extermination)

GILYAROV, M.S.

Soil invertebrates as a factor of soil fertility. Zhur.ob.biol.  
21 no.2:81-88 Mr-Apr '60. (MIRA 13:6)

1. Institut morfologii zhivotnykh im. A.N. Severtsova, Moskva.  
(SOIL FAUNA) (SOIL FERTILITY)

GILYAROV, M.S., doktor biol.nauk; SUKHORUKOV, K.T., doktor biol.nauk

International Conference on Plant Protection. Vest AN SSSR 30  
no.11:113-114 N '60. (MIRA 13:11)  
(Plants, Protection of)